1915

Wyoming
Montana
Yellowstone Pa

Cx
20

Vernon Bailey
Washington D.C.
1834 Kalorama Road
U S Biological Survey

1915.

July 10 Living stars to Gardiner

Cygnus abu.
Citellus elegans "
" arnatus, about Mammoth
Thomomys all along
Lepus campestris a few
Neotoma near camp.

To Mammoth Hot Springs

Marmota common
Sciurus "
Eutamias "
Thomys "
Lepus campestris "
Odocoileus hemionus 3
Cervus, old sign + tracks + two seen
Antilocapra 10
Bison 4
Ursus horribilis 1
Canis latrans common.
Mustela cicognani abu
Camposhimus "

Sylvilagus common.

Gardiner to Hot Springs

Pinus flexilis —
Pseudotsuga "
Juniperus scopulorum "
Populus angustifolia "
" tremuloides "
Salix cordata "
" "
Prunus melanocarpa "
Betula fontinalis "
Grossularia setosa
Ribes inebrians
Rosa maximiliana
Shepherdia canadensis
Potentilla pulcherrima
Artemisia tridentata
" ludoviciana
" frigida
Chrysothamnus graveolens
"
Tetradymia inermis
Balsamorhiza sagittifolia
Juniperus communis
Aeroglossum
Symphoricarpos
Arctostaphylos uva-ursa
Lupinus
Oxytropis lambertii
Mentzelia

Gardiner July 19.

Actitis
Agyiechus
Anas boscas 12
Colaptes
Crandisonus torquatus 1
Cozvus Brachyrhynchos abn.
Euphagus "
Stizmella "
Passerculus "
Melospiza "
Passerina amoena 1
Tachycineta thal- com

July 30 Gardiner
Passerina amoena 2
Dendrocygnus, bellyons

Amethera caespitosa 1
Xanthura com

Mammoth Hot Springs July 10-

Actitis in pond
Agyiechus "
Osprey yg in nest
Rhaiptega abn.
Corvus bldgs
Pica "
Spinus pinus in bldgs, com.
Carpodacus cassini in trees com.
Melospiza " "
Zonotrichia " "
Sitanga hudsonica "
Tachycineta "
Dendroica audubonii, probably yg. "
Vireo warbling 2
Penthestes gambeli a pair
Troglodytes singing
Regulus calendula 2
Planesticus com
Sialia arctica, nest in log hotel
Petrochelidon, old nests on bldgs Cop.
Colaptes cafer 1
Sphyrapicus thyroides 1 2
Spizella arizonae com
Junco "
Euphagus in town "
Myiadestes 1
Otocoris heard
Dendrocygnus 2 yg. photographed
Passer domesticus com.
Cinclus, 1 in river.

Grasses collected at Gardiner

Stipa viridula
" Comata
Trisetum spicatum
Poa sandbergii
Elymus condensatus
Agropyron spicatum
" pringlei
Oryzopsis hymenoides
Sitanion hystrix

Gardiner July 12

Pinus flexilis along R. cliffs
Pseudotsuga " "
Juniperus scopulorum " "
Populus angustifolia "
Salix "
Amelanchier "
Betula fontinalis "
Rosa nutkiana "
Artemisia tridentata abu
" vaseyana "
Chrysothamnus viscidiflorus Pinkhamii "
" " Lanceolatus "
" " nauseosus tuberculosus
Grayia polygaloides S. com
Atriplex confertifolia
" nuttallii S "
Opuntia abu
Mahonia repens com
Plantago patagonica "
Oryzopsis pamalatum "
Sarcobatus vermiculatus abu.
Grayia lanata com.
Tetradymia inermis & hitchcockii
Linosyris acaulis com.
Mentzelia albicaulis "
Rhus aromatica along R. com
Glycyrrhiza lepidota " "
Helianthus annuus. "

July 13 to Yaneys

Pandion 3
Buteo swainsoni 8
Accipiter cooperi 1
Falco sparverius Com
" merlicanus 2
Aquila 2
Zenaidura 1 heard at Yaneys
Dendrocopus 1, 1 ♂♀.
Oroscoptes 2 Com
Porzetes Com
Otocoris + ♂♀. 2 Com
Pitrochelidas + nest Com
Aphelocoma 2 Coms
Mimus polyglottos Com
Mimus 1
Spizella arizonae 1
Junco 1
Myiadestes 1, Coms
Sphyrapicus thyroideus 1
Colaptes Com
Buteo b. calurus 1, a pr
Bubo heard,
Amphibasetes + ♂♀. 2
Rallus heard in marsh 2
Otocoris + ♂♀
Passer domesticus a pr
Hesperiphona 1
Sialpides 1 8000 feet, a pr
Strix nebulosa Com
Euphagus "
Hesperocichla heard "

Yaneys

Plesiotrigon + ♂♀. Com
Sialia currucoides "
Dendroica audoboni 2
Bonasa 1, 6 Zion, 1, 6 Sion, 1 8000 feet

July 15

Merginsaurea 1 in Zion R.
Branta canadensis 1 + 4 ♂♀. in dark
Golden Eye duck + 6 ♂♀. Com
Fulica + ♂♀. Com
Podolymbus "
Buteo borealis 1
Erasmetura subulata 1
Anas boschas + ♂♀.
Corvus americanus 2
Euphagus Com
Polioptila caerulea 1
Vireosylvia swainsoni a pr
Molothrus ater 2
Xanthocephalus 2
Troglodytes 1
~~Tringa~~

July 16

Corvus corax sinuatus 1.

July 14 Up Equinox Ridge to 8500 ft
July 15 Up Slough Creek
July 16, Zion and Mt. Carmel.

Uganda July 13-14 15-16

Pinus flexilis
" albicaulis
Pseudotsuga
Picea engelmanni
Abies

"

Populus tremuloides
Alnus
Salix

"

"

Acer glabrum
Juniperus communis
Ribes roezlii
" cereum
Grossularia wolfii
" d. irriguum

"

Shepherdia canadensis
Symphoricarpos
Amelanchier
Rubus strigosus
" nutkanus
Rosa 2
Lonicera involucrata
Distegia
Potentilla fruticosa
Spiraea
Vaccinium erythrocarpa
Linnaea borealis
Arctostaphylos
Berberis

Astragalus tridactylicus
" tridactylicus
" ludovicianus
Chrysothamnus graveolens
" " tortifolius
Tetradymia
Balsamorhiza
Arnica
Achillea
Aplopappus
Frasera
Cirsium pale pink,
" white
Lupinus 2
Delphinium
Aconitum
Penstemon gracilis
"
Fragaria
Linum
Compositae
Potentilla gracilis
" anserina
Erodium douglasi
Myrtunia
Hydrophyllum
Lewisia
Geranium pale
" red
Castilleja yellow
" red.

85W

~~June 15 up Slough Creek~~

Geum Triflorum
" bur
" white,
Anemone white,
Galeum
Antennaria pink
" white,
Erigeron, creamy
Astragalus
Oxytropis
Erigeron
Senecio orange
Aquilegia
Taraxacum officinale?
Solidago
Aster
Hieracium
Sisyrinchium mucronatum
" groáb
Pedicularis
Allium
Parrassia
Epilobium
Ranunculus
Phacelia pale blue
" purple
Polemonium
Phlox douglasi

Gardiner & Mammoth, July 20
up Tower Creek & 9000 ft
Falco columbarius 1
Buteo 8500 ft ca
Zonotrichia 1000 ft ca.
Anthus " "
Nucifraga "
Plectrophenax to 10000 ft ca
Zonia a flock of 7 at 8000 ft.
Golden Eye + 7 half grown young.

July 21 Snow Pass
Leucosticte 2
Spizella pusilla head
Cratopeus townsendi "

West Gallatin River

Merganser americanus 1+ dozen yg.
in river, half grown
Penthestes at camp.

July 20 + 21 Hardy Flowers.

Pinus Albicaulis — 95cts
Abies subalpina — "
Picea ?
Salix 3 — 90cts
Castalija 3 —
Aquilegia — 85cts
Delicalars 3
Lupinus — 95cts
Dyptropers — little — "
" — lilac — " "
Trifolium 2 —
Arenaria viscida — 85cts
Erythronium — 90cts
Delphinium — "
Achillaea —
Mypasotis — tall 85cts
" — capitata 90cts
" alpestris — 50cts
Plox douglasi — 95cts
Polygonum bistorta — "
Dodecatheon — "
Erigeron — purple 2 — "
" — white 2 — "
Frazera — "
Cynoglossum — yellow — 90cts
Draba — white — 95cts
Arenaria — "
Ranunculus — "
Potentilla — "

Veronica — tall — 90cts
" — low
Saxifraga punctata —
"
Parnassia
Gentiana — 90cts

Near Gallatin July 21 & 22

Pinus flexilis S. upto Park
" albicaulis 9000 —
" murrayana abov
Pseudotsuga S. upto Park
Picea " long arm "
Abies 8000 —
Juniperus scopulorum S. upto Park
" communis con
Populus tremuloides "
" trichocarpa, apex
Salix silvery abov
" yellow "
" cactela?; —
" LB.
Elaeagnus
Shepherdia canadensis abov
Betula glandulosa upto Park
Amelanchier LB.
Prunus melanocarpa "
Symphoricarpos con
Distegia "
Rosa 2. "
Potentilla fruticosa "
" gelida "
" alba "
Geum triflorum "
Arctostaphylos uva-ursa upto Park
Vaccinium erythrocarpum, 8000 —
Linnea borealis 7000 —
Erythronium 6500 —

Artemisia tridentata upto Park
" tripleda "
" frigida MB.
Balsamorhiza "
Mystilus "
Cirsium con
Achillea millefolia "
Agoseris 2 "
Erigeron 3 "
Senecio 4 "
Lupinus "
Delphinium blue "
" tall "
Geranium viscidus, "
" pink "
Castilleja miniata "
" red "
Orthocarpus yellow "
Pedicularis "
Elephantella "
Pentstemon blue "
Anemone "
Fragaria "
Phlox douglasii "
Oxytropis 2 "
Trifolium 2 "
Arenaria "
Pulsatilla "
Epilobium "
Ribes 74 "
Grossularia 2 "

West Gallatin.

Avas boreas	1 M.B.	Dendrocopus	+ gg.
Actitis	abu.	Bovaista	1
Dendrocopus	1 in Park		
Buteo borealis	a few		
Accipiter velox	M.B. +		
Falco sparverius	1 L.B, 1 M.B		
Aquila	1 M.B		
Colaptes	1 L.B.		
Corvus	a few		
Empidonax			
Pesiocorus	at both camps	Berberis ripens	
Otocoris	1 8 or 10 pt	Zygadenus elegans	
Euphagus	pied 99. L.B.	Erigeron	
Juncos	com	Hydrolem	big
Spinus pinus	a few	"	small
Leucosticte	com	Phalictrum	
Melospiza	"	Gilia capitata	pink
Spizella arizonae	M.B. com.	Sedum stenopetalum	
Pilaga	M.B. 1, L.B. 1	Aster.	purple
Vireosilvia swainsoni	" 2		
Passer	high up		
Aperonis	M.B. head		
Hirundo erythrogaster	com		
Sialia arctica	"		
Petrochelidon	"		
Loxia	"		
Passerella	"		
Corvus brachyrhynchos	1		
Muscipeca	heard		
Perisoreus	a few		

July 27 Cimarron Cs. 4500

Mt Buffalo Horn	8300	8500
Summit	7300	7500
First ranch	5150	5350
Miners Station	5300	5500
Gardiner		

Miners Station.

Juniperus scopulorum	tr
Betula fontinalis	"
Salix wrdata & others	"
Populus tridocarpa	"
Ribes cereum	"
Clome integrifolia	"
Plantago patagonica	"
Helianthus annuus	"
Bouteloua oligostachia	"
Oryzopsis pungulatus	"

Picea pica a few
Cornus stolonifera, sericea
Tyrannus verticalis

July 30 to Jardine + back
Dendragapus + yg
Passerina amoena

Aug. 1 Gardiner & Hellroaring.

Gardiner	5300
first summit	8400
2d Summit	9000
Hellroaring	6660

Transition zone up to 7000 ft

Transition plants

Wyethia
Balsamorrhiza
Artemisia tridentata
" arbuscula
Chrysothamnus 2
Gilia aggregata
Prunus melanocarpa
Andandrium
Betula fontinalis
Alnus
Salix
Symphoricarpos oreophilus
Juniperus scopulorum
Erigeron
Geranium
Stipa
Agropyron tenuum
"
Elymus

Aug 2 to Hellroaring
Asturina nitidus

Hellroaring & Buffalo, Aug. 2

Summit 9300

Pinus albicaulis
Abies lasiocarpa
Lupinus
Silpaldia procumbens
Polemonium pulchrum ?
Claytonia pink
Calandrinia umbricosa, white
Cymopterus
Viola nuttallii
Draba yellow
" white
Solidago
Erigeron
Potentilla
Ranunculus
Spraguea
Rumex
Gaeophytum
Polygonum
Saxifraga bronchialis
Antennaria alpina
Myrlinsia alpina
Oxaria dygina

Myadestes a few 9500
Anthus common 9000/10000
Leucosticte 9400
Zonotrichia 9000-9500

Aug. 3 Buffalo & Slaughter.

Aug. 4 Down Slaughter Creek.

Canis caux 1
Coutopus borealis common.
Zonotrichia "
Melospiza "
Spizella arizonae "
Falco sparverius "
Tachycineta thalassina 6
Anas platyrhynchos, a few
Nucifraga "

Aug. 5 Lamar River

Pseudotsuga apos
Picea along River
Pinus flexilis on dry slopes
Juniperus a— along trails
Populus tremuloides on slopes
" angustifolia on along R.
Alnus tricherocarpa a few along river
Salix interior " "
" rodata on marshes
" yellow "
" red "
Prunus melanocarpa on bank
" Amelanchier "
Ribes d. irriguum "
" Cereum "
Symphoricarpos, a little
Rosa —
Artemisia tridentata "
Chrysothamnus graveolens a little
" " tortifolia "
Tetradymia "
Artemisia frigida abun.
Glycyrrhiza lepidota along bank
Gaillardia aristata —
Phlox douglasi "
Zygadenus "
Allium "
"
Opuntia missouriensis, rare SW.
Eriogonum flavum ? fungoides, a little, E.
"
"

Lupinus silvery green abundant
Agrostis "
Deschampsia "
Erigeron lavender "
" " white "
Krimitzkia "
Phacelia "
Balsamorhiza a little
Helianthus "
Aster —
Solidago "
Solanum
Agoseris —
Linum "
Campanula "
Potentilla "
" "
Potentilla fruticosa on flats
Cirsium dwbl. —
Antennaria —
Achillea "
Bistorta vivipara along bank
Galium on flats
Phacelia a few
Desmodium " SW
Polygonum sawatchense on
Gilia "
Silene a few
Asplyllon "

Oryzopsis micrantha SW corner abv
Stipa comata "
" viridula "
Agropyron tenerum "
" spicatum "
Elymus "
~~Panicum~~ Trisetum "

grasses collected

Elymus condensatus
" glaucus
Festuca idahoensis
Stipa comata
" viridula
Poa scabrella
" sandbergii
Bromus porteri
Agropyron tenerum
" spicatum
" smithii
Trisetum spicatum
on moist ground
Phleum pratense, Timothy
Hordeum caespitosum
Muhlenbergia racemosa

Lamar River Aug-4-6
Circa hesperius 2
Aletes " c
perryanus rare + lk, c
Pandion 1
Buteo borealis a pr
" swainsoni "
Falco sparverius c
Circus hudsonius 3
Architatro perrugineus 1
Numenius a pr
Eturmella 14 in flock Aug 5.
Empidonax c
Molothrus 2
Icteria a pr
Spizella arizonae c
"
Junco a pr in gulch
Poocetes c
Spinus pinus 1
Myadestes 2
Sphyrapicus thyroideus 2
Picid 6 del rusticolus
Zacchinita thalassina 1
Petrochelidon c
Cinclus
Planesticus a pr
Sialia arctica "
Otocoris 149.
Eremophila alpestris 6
Branta canadensis 9
Galderia 4
Anas platyrhynchos 6
Fulica + nest c

Aug. 8 up Lamar River

Agenoicetes — Imm. Catch
Plesiocorus — com. in woods
Piniola — a few
Myadestes — "
Hypolais — rare
Sitta rubra — 2
Troglodytes — com
Z. corvinodrichia — "
Cinclus — 1
Dendroica caerulescens — a few
Zonia — rare
Spinus pinus — a few
Pinicola — rare
Colaptes cafer — a few
Hylocichla — Heard a few
Sialia currucoides — com

Aug 9 up Mist Creek
Anthus
Dendroica pal. + sp.

Aug. 12 Mist Creek to Yellowstone Lake.

Ardea — Com
Actitis — one a few
Auser canadensis — sp. 40
Anas platyrinchos — com.
" strepera — com
Nettion carolinense — sp. com.
Buteo borealis — com
" swainsoni — "
Pandion — com.
Accipiter cooperi — 1
Circus — com.
Bubo — 1 + feathers
Hypolais — rare
Colaptes — a few
Sphyrapicus — 1
Corvus c. sinuatus — 8
Perisoreus — com.
Eutoxus — com
Stellula — Heard 1
Piniola — a few
Zonia — rare
Zonotrichia — com
" — "
Melospiza ?
Amodramus anthinus — com
Spinus pinus — a few
Spizella arizonae — in flocks

Dendroica audoboni cw
Anethus pratensis "
Parus gambeli cpo
Wurula "
Hylocichla "
Sialia currucoides "

Merganser serrator abser
Clangula cw
Larus occidentalis a pesr
" philadelphia 30
Grus canadensis herd
Molothrus "
Petrochelidon cw
Zoechinta "
Myiochanes richardsonii "
Pipasanga ludovicians 2
Porcentes cw

Mist Creek
Pinus murayana
" albicaulis
Picea
Abies
Salix 4
Shepherdia
Arctostaphylos uvaursi
Gaultheria empetrifolia
Monieres

Yellowstone Lake

Pinus murrayana
Picea
Abies
Salix 3
Artemisia tridentata " little in open
" novodon abv in open
Lupinus smooths "
Linum common
Achilea " "
Cirsium " "
Aster " "
Erigeron " "
Goldenaster " "
Agoseris yellow "
" coppos "
Potentilla gelida "
" alascina "
" gracilis "
Geum triflorum "
Erigonum floccum "
Castilleja yellow + 2 others "
Trifolium common "
Apetrorchis " "
Arnica Eggs " "
Gentiana Good "
" pongest "
Campanula
" Low Canadian with a trace of Transition.

Phacelia ambeads
Oenothera yellow "
Pentstemon "
Brunella vulgaris "
Erigonum 2 "
Applopappus "

Pinus albicaulis a few on rocks
Populus angustifolia, 2 on bank
" tremuloides a few
Alnus tenuifolia "
Pteridium 3 W, bank of lake
Stuffordia canadensis in woods
Lonicera conjugialis "
Bistorta bistoris "
Menziesia "
Vaccinium erythrocarpum "
" "
Pinus flexilis a few S W.
Pseudotsuga " "
Spiraea in woods
Aconitum
Delphinium blues
" tall
Collomia " paths, abv.

Cornus canadensis " in woods.

Lepus Gilloratus R. Abag. 15+16
Citas platyrhinchos 2 yg. Com
Anas strepera 2 yg. "
Nettion carolinensis 2 yg. "
Merganser serrator Com
Branta canadensis Com
Ardea herodias a few
Heliosoma solitarium 3
Actitis macularius 2 yg. Com
Rallus longirostris a few
Pandion Com
Circus abun.
Accipiter velox a few
Corvus ossifragus "
Meleagris Com
Perisoreus "
Colaptes "
Sphyrapicus thyroideus 1
Pinicola heard
Loxia "
Spinus a few
Junco Com
Melospiza montana "
Zonotrichia "
Spizella arizonae "
Myiochanes a few
Empidonax Com
Plegadis "
Haplocichla
Penthestes gambeli "
Dendroica auduboni Com

Zenaidura a few
Siurus canicularis Com.
Bubo heard
Melospiza montana Com.
" lincolni a few
Pinicola a few
Molothrus 3

Lutra 1 track
Ursus Com
Canis latrans "
Lynx canadensis track
Mustela 1
Odocoileus hemionus 3
Sciurus Com
Eutamias "
Neotoma "
Fiber 1
Castor a few
Microtus abun.
Thomomys "
Lepus Com.
Erethizon "
Zapus signs.

Aug. 17 To Bridger Lake,
" 18 To Snake River Mead.
" 19. Over Big Game Ridge.
Elk, 3, 8, 3, 12, 23, 200, 28, 1
Odocoilus hemionus 17 half grey,
Alces, old sign.
Canis latrans, tracks & saint
" nubilis Tracks on Snake R.
Castor, 5 houses on Snake R.
Mesocta — on ridges
Eutamias " " "
Sciurus
Thomomys
Ursus horribilis, on saint,
" " cinnamomus, tracks

Big Game Ridge

Pinus monticola		- 9000 SW
" flexilis		- 8000 SW
" albicaulis	9000	- 9500 SW.
Abies subalpina	8000?	- 9500 SW
"		- 9000 SW
Picea		- 9000 SW
Populus tremuloides	8000	
Salix	3	
Vaccinium erythrocarpum	8000	- 9000
" ovatum	"	- "
Lonicera conjugialis		- "
Shepherdia		- "
Lonicera involucrata		- "
Spiraea		- "
Ribes		- 9500
"		- 9000
"		- "
Agoseris		- "
Hieracium		"
Delphinium		"
"		"
Gilia		"
"		"
Lupinus		"
Epilobium		"
Sorbus		"
Aster	tall purple	"
"	white	"

Aquila chrysaetos 1 - 9000
Adelphinetes canadogdensis 1 9500
Falco sparverius 1 8000
Otocoridides 50 7200
Anthus — on top

Above timberline at collected.

Coulter Creek

Berberis Aquifolium — 7 SW
Balsamorhiza " "
Amelanchier " "
Apocynum " "
Solidago missouriensis " "

Snake River

Totanus melanoleucus 1
Larus 4
Branta canadensis 2
Anas platyrhynchos "
Ardea 1 sp.
Bonasa 1
Actitis 2
Zenaidura " flock

Aug. 20 Snake River Sta.

Pinus ponderosa — dom
" flexilis — little
Picea — "
Abies — "
Populus Tremuloides — com
" angustifolia — "
Alnus — "
Salix — dom
Artemisia tridentata — "
" tripida — dom
Balsamorrhiza — "
Aplopappus — "
Solidago — "
Aster multiflora — "
" foliaceus — "
Solidago missouriensis — "
Achillea millefolium — "
Cirsium — "
Phacelia — "
Epilobium spicatum — "
Gaphytum 2 — "
Anethum yellow — "
Eriogonum flavum — dom
Gilia aggregata — com.
Gnaphalium — "
Antennaria — "
Amelanchier — little, SW
Prunus — " "

Aug. 21 To Warren

Pinus mitis, plots
" flexilis a little
Picea pungens on plots
Abies
Populus tremuloides con
" angustifolia "
Salix 4 abu
Alnus con
Prunus melanocarpa a little
Amelanchier con
Symphoricarpos a little
Artemisia tridentata abu
" Tripida on plots
" ramosa "
Balsamorhiza SW. con
Ratibida in plots
Aster 3
Crinus a few
Solidago missouriensis con
"
Aplopappus a dry plot
Gilia aggregata "
Antennaria "
Eriogonum 1 "
Lupinus 3 con
Gilia aggregata a few
Geranium 2 in marshes
Fragaria "
Gentiana "
" closed

Eleagnus argentea on plots
Betula glandulosa "
Kunzia SW slopes
Chrysothamnus graveolens "
" Tortifolia "
Xerophyllum asperum " a little
Rosa con
Oenothera caespitosa SW
Dry Buffalo
Nicotiana
Barbeu
Anetantopsis

Alkali Buffalo Cr. Pl
Eurybia Lindleyana

Jackson Hole Aug. 21 –

Alces — com. 2
Canis — tracks
Odocoileus hemionus,
Eutamias consobrinus,
Citellus variegatus, — a few, last seen Aug 26
Lepus campestris — a few
Thomomys — abn
Fiber — com
Erethizon — tracks, 2
Canis latrans — com
" nubilus — 3, 4, tracks
Mephitis
Lutreola — skin, tracks
Castor — com.

Antilocapra, all gone, used to be numerous.

Mink — a few
Martin — in lots, com.
Vulpes macrourus — com.

Peromyscus sonoriensis — com.
Neotoma — "
Sciurus

Aug. 23, To Turpin Meadows,

Aug. 24 To Wind River
Sheridan Co. Ranger Station –
27 elk
Wolf tracks 2
Rabbits 20

Aug. 25 Back to Turpin Meadows.

Aug. 26 Down to Antelope Sta.

Jackson Hole Valley Aug. 20-26

Agus 4, 2,
Aredea a
Otygonus "
Actitis "
Helidromus "
Branta canadensis, hund, com
Anas platyrhinchos "
" stepperus "
Nettion carolinensis "
Bubo 1 heard
Buteo borealis a few
" swainsoni "
Accipiter velox a few
" cooperi 1
Aquila 1
Falco sparverius a few
Circus com
Asio accipitrinus one seen, 1
Dryobates harrisi a few
Ephyrocapus hyoleucus com.
Colaptes com
Contopus borealis, highop. a few
Myiochanes "
Corvus 2
Corvus corax sinuatus (20) a few
Euphagus in valley, abn
Agelaius com

Sturnella a few
Zonotrichia com.
Melospiza montana "
Spizella arizonae "
Carpodacus abn.
Junco "
Spinus pinus com.
Loxia in hds. a few
Piranga "
Dendroica audoboni com
Helminthophila "
Vireosylvia swainsoni a few
Zoecheata fallaxina abn.
Hesperocichla a few.
Anthus abn. 9 seen
Planesticus abn.
Sialia currucoides com

Below Antelope Springs

Oraseoptes com
Otocoris 2
Podoces 1

Jackson

Dendroica abn 1
Corvus com
Botaurus 1
Corvus 2
Bubo heard
Tyrannus tyrannus 1
Spizella breweri a few
Xanthocephalus com
Agelaius com, Pica, Junct 1 com

↓ Jackson & below

Pinus murayana cold slopes
" flexilis warm slopes
Pseudotsuga " "
Juniperus scopulorum " "
Populus tremuloides cold slopes
" angustifolia bottoms, c
Amelanchier L. c
Prunus " "
Rosa " "
Symphoricarpos " "
Salix 5 obv.

Artemisia Tridentata obv
" tripida "
" cuneifolia "
" frigida "
" ludoviciana "
Chrysothamnus ~~dracunculoides~~ graveolens SW "
" viscidiflora " "
Tetradymia canescens " c/w
Gutierrezia euthamiae " "
Carduus lanatus " "
Ribes aureum " "
" cereum "
" d. irriguum "
Kuntzia SW c.
Eriogonum flavum "
" divaricatum SW c/w
Helianthus apiculatus
Balsamorhiza "

Down Snake River Aug. 31,

To Holden Sept. 1.

Artemisia tridentata along flats, a little along Heads.
Betula fontinalis along Heads.
Populus angustifolia abu
Wyethia — .

Zauschneria 15

Aug. 31 down Snake R.
Sept. 1 to Bryan Flat Sta.
~~Sept. 1~~, up W. Mans Cr.
Sept. 3, up to Cliff Creek.

Sept. 4
Rained all day + 2 nights

Sept. 5
To Fales Ranger Sta.

Bondurant

Sept. 5 To Green River
to Old Kendall Ranger Sta.

Sept. 6
To Green River Lakes &
back to camp on Wagon Cr.

Sept. 7 over divide &
down Bacon Creek to
Fish Cr. & camped on
Cottonwood near junction
with Gros Ventre.

Sept. 8. up Gros Ventre &
down to Crystal Creek

Sept. 9. down Gros Ventre
to camp near Kelly

Sept. 10 To Jackson

Sept 12 up to Buffalo
Ranger Sta.
Snow & rain
5 Sandhill Cranes near Moran

Sept 13 To Shefflin Camp
on Snake River
Snow & rain
1 Coyote
1 Elk moose & 2 calves

Sept. 14 To Thumb Hotel
Snow 4 inches deep
Elk, 2 & many tracks
Wapiti, 1 track
Odocoileus hemionus 1 & many tracks
Coyote tracks & howling
Martin 1 track in snow.
Weasel 1 small track
Sciurus —.
Eutamias hudsonicus —.
Peromyscus tracks
Bear, 2 & tracks at Thumb
Ectotoma bay, Lewis R.
Lutra — spotted at Lake.
Thomomys
Lepus townsendi, tracks, near Thumb.

Sept. 12 dinner & Lunch .50
" 1 ½ lb Copper bottom 2.07
" 14 Board 7.50

Snake R. to Thumb. Sept. 14

Sterna, 2 on Lewis Lake
Branta canadensis, 4, & others of flock
Larus platyrhynchus 4 in Lewis R.
Actitis 1 on Lewis Lake.
Mergus americanus, abn in Lake
Bubo 1
Pandion 2 + 3
Ceryle 3
Colaptes 1 at Snake R.
Nucifraga com.
Zapus head
Zonotrichia a few
Junco abn
Melospiza a few
Perisoreus com
Dendroica auduboni a few
Anthus "
Planesticus com
Sialia arctica "
Corvus corax 2

Sept. 15 Thumb to Canyon

Larus delawarensis 12, 100
Mergus americanus abn-
Clangula a few
Branta canadensis, Lake
Actitis 1
Colaptes 1
Sphyrapicus nuchalis, 1 head,
Cinclus 1
Perisoreus com
Picoides 4
Empidonax 1 000
Junco abn
Zonotrichia a few
Spizella 1
Corvus caurinus com
Planesticus com
Sialis arctica "
Dendroica aud. "
Knight 1
Harlequin duck 2
Goldeneye 2 a more
Mallards abn
Green Winged teal. rare
Aedon 1
Cinclus 1
Haliaetus 1
Pandion com.
Buteo borealis 1
Falco peregrinus 6
Anthus a few.

Sept. 15 Thent to Canyon

Ciscus, 1 bulb very thick
Odocoileus hemionus
Sciurus aberti tassalensis
Eutamias luteiventris, common
Citellus, holes abn.
Thomomys abn
Canis latrans, tracks
Calcaspermophilus 1
Ursus
Lepidia, abn in Antilope + Hoplitis

Sept 16 - 18
Gardner + Hot Spr.
Antilocapra pallidus ?
luteiventris
Sciurus
Antilope 30
Canis
Procyonidae —
Lepus campestris 2

Sept. 18 Manmoth Hot Spr.
Mikiopaga —
Coleoptes capra 1
Junco —
Helminthophila ? 1
Sitta canadensis 1
Myadestes townsendi 1
Hylocichla alicia 1
Sundevia andubonii —
Planesticus —
Sialia currucoides —
Ciscus 1

Sept. 21 up Turkey Pen
Hunt to Blacktail Creek.
600 horses of Transportation Co.
up to Oct. 29.
Not closely grazed

Sept. 22 To Billings
Northern Hotel.

Sept. 23 to Cody
Iowa Hotel

Sept. 25, to Valley.

Sept. 28, back to Cody

Sept. 29 up Shoshone R.
to Holm Lodge. + back
to Cody.

Valley Sept. 25-28

Pinus flexilis — brow edge
Juniperus scopulorum — "
" communis — "
Populus angustifolia — abu
Alnus — "
Betula fontinalis — "
Salix cordata — "
" interior — "
" " yukon — "
" —
Prunus melanocarpa — "
Cornus — "
Asparagus officinalis — "
Elaeagnus angustifolia — "
Ribes cereum — "
" d. irriguum — "
Rhus trilobata — "
Symphoricarpos occidentalis — "
Rosa — abu
Clematis — "
Artemisia tridentata — "
" cana — a little
" arbuscula — "
" tridentata — "
" rigida — "
" pedatifida? — a little
Chrysothamnus graveolens — abu
" teretifolia — "
Chrysopsis — a little
Gutierrezia — "

Eurotia lanata — abu
Atriplex nuttallii — "
Malvastrum coccineum — "
Opuntia missouriensis — abu
Mentzelia — a little
Psoralea tenuiflora — "
Glycyrrhiza lepidota — "
Elymus — abu
Oryzopsis micrantha — "
Stipa spartea — "
Agropyron tenuum — "
Grayia olygostachia — "

at Cody also
Populus wislizeni
Atriplex canescens
Sarcobatus
Suaeda
Grindelia
Helianthus annuus

The same up to Wapeti + beyond.

Valley

Bubo
Circus
Buteo borealis
Ceryle
Colaptes
Picoides
Euphagus
Sturnella
Zonotrichia
Junco
Amphispiza
Passerites g. carpini
Anthus rubescens
Otocoris
Robins
Sialia currucoides

Valley

Arvicola canadensis, 75 in winter
Odocoileus hemionus, —
Ovis canadensis, on slopes
Antilocapra 3
Semurus fuscatus —
Eutamias pallidus, on bottom

Lobes
Canis latrans —
Taxidea "

Wapiti Sept. 29.

Ovis canadensis, Holmtodge
one 12 years old. Com.
Alces, 2, 10 or 12 winter

Cervus canadensis, 30 or
40 ones, 100 in winter.
Odocoilus hemionus, —.
Sciurus
Eutamias
Sylvilagus bailey
Lepus campestris
" bairdi
Canis latrans —
" griseus, 2
Mephitis, skunk from Wapiti
Zapodidae —.
Cynomys leucurus 2 or

Cedar.

Cynomys leucurus 100.
Perognathus —
Thomomys v

Sept. 30 Left Cody, 8 AM.
to Thermopolis & Casper

Oct. 1 to Cheyenne &
Omaha

Oct. 2 to Chicago

R. Vans Agnew
Veterinarian 5th Cav
Ft Leavenworth
Kansas.

R. Vans Agnew
Veterinarian 5th Cav
Ft Leavenworth
Kansas.

Antonio de las Heras Maraver

Ingeniero de Minas

Antonio de las Heras Maraver

Ingeniero de Minas

9810
9811.
12
9813-Coyote, & Hobbed R. Sft. 1,
9814. Coyote, Kelly, Skull
15. " "
16. " "
17. " "

History of Wyoming by
Att I
1:: eady dup of Indian Hds
Mrs A. P. Bigelow
Ogden
Miss. Kiesel
Ogden, Utah

R-2. Thornton, a guide.
Elk, Wyo.

Allan Sales
Salesville, Mont. Pass
Alex Johnson,
Salesville or Wilson, Mont

J. G. Ballenger,
Gardiner, Mont
on Hellroaring

J. Milton Ames
Gardiner, Mont.
Silvertip Lodge on Sleigh Co.

Mrs. Robert C. Morris
27 Pine St. N.Y.

T. G. Frazier, Gardiner
Buffalo Ranch.

Rudolph Rosencrans
Worm, Wyo.

A. N. Davis
Cleaney, Wyo.
Rangers, will get coyotes.

S. E. Basham, ranger at
Old Kendall, Wyo.